

IN-LIEU of Ranching Opportunities & Ladies Livestock Lessons

The Red-Bow Ranching CONFERENCE



Agenda Package

FEB 2&4 2021

Ranching in a New Era

To register and for the current conference
agenda and speakers visit www.redbowag.com

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Unique Financial Services

AFSC

Webinar Sessions

February 2nd 12:30pm

**20 Years of Riparian Management
Solutions**

Ken Lewis - Red Deer County

Kelsey Spicer-Rowe - Cows & Fish

Stephen Smith - Speedwell Farms

When Minerals Go Bad

Dr. Elizabeth Homerosky - Veterinary Agri
Health Services

February 4th 12:30pm

Direct Marketing Producer Panel

Lorin Doerksen - Gemstone Cattle Company

Ben Campbell - Grazed Right

Orphan Wells on your Ranch

Lars DePauw - Orphan Well Association

Smart Ranch Innovations

Sean Thompson - Olds College, Technology
Access Centre for Livestock Production

Register at

WWW.REDBOWAG.COM



RED-BOW RANCHING CONFERENCE

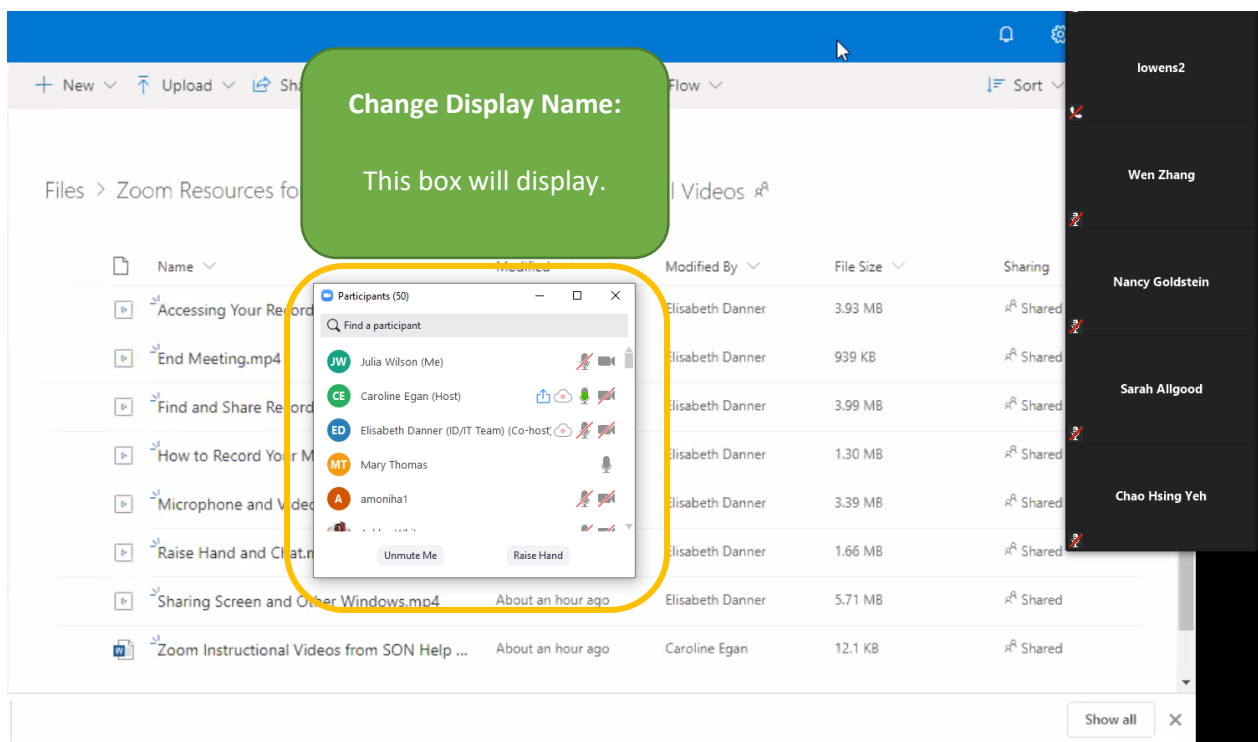
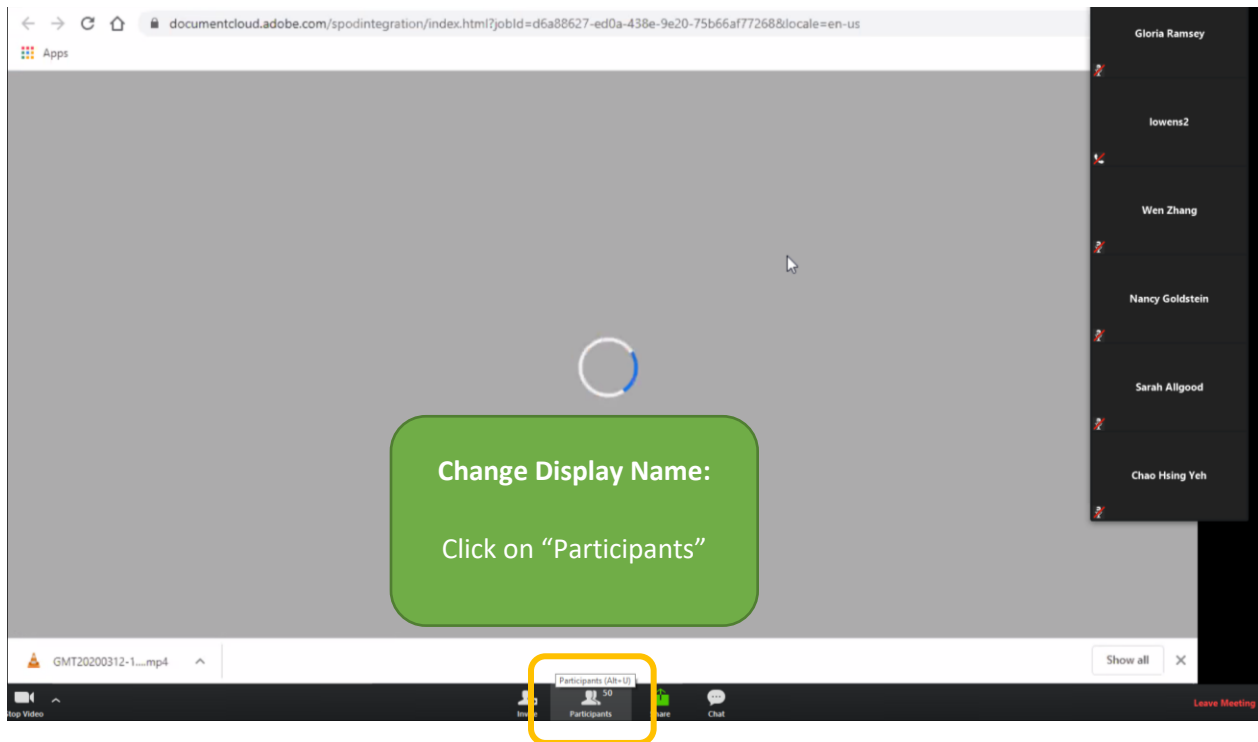
RANCHING FOR A NEW AGE

FEBRUARY 2 & 4, 2021 VIRTUAL EVENT AGENDA

Time	Topic	Speaker
February 2		
12:30 15 min	Opening Remarks & Red Bow Intro	
12:45 1.5hr	20 Years of Riparian Management Solutions	AFSC- Zsuzsanna Sangster Ken Lewis - Red Deer County Kelsey Spicer-Rawe-Cows & Fish Stephen Smith- Speedwell Farms
2:15 5min	AFSC- Sponsor Moment	AFSC - Zsuzsanna Sangster
2:20 10 min	Break/Sponsor Slides	
2:30 1hr	When Minerals Go Bad	Dr. Elizabeth Homerosky
3:30 10 min	Closing Remarks	
February 4		
12:30 15min	Opening Remarks & Red Bow Intro	
12:45 1hr	Direct Marketing Producer Panel	Lorin Doerksen <i>Gemstone Cattle Company</i> Ben Campbell <i>Grazed Right</i>
1:45 5 min	Break/Sponsor Slides	
1:50 20 min	Orphan Wells on your Ranch	Lars DePauw <i>Orphan Well Association</i>
2:10 5 min	Break/Sponsor Slides	
2:15 45 min	Smart Ranch Innovations	Sean Thompson <i>Olds College</i>
3:00 10 min	Closing Remarks	

Changing Your Display Name in Zoom

It is nice to know who is online. With Zoom, the default is your JHED which is not always professional.



Change Display Name:
Hover over your name until the two blue boxes appear – “Unmute & Rename”
Click on “Rename”

The screenshot shows the Zoom interface with a list of participants. A green callout box provides instructions on how to change the display name. The 'Participants' list is visible, and the 'Rename' button is highlighted in the 'Unmute & Rename' menu.

Name	Modified	Modified By	File Size	Sharing
Accessing Your Recordings	About an hour ago	Elisabeth Danner	3.93 MB	Shared
End Meeting.mp4	About an hour ago	Elisabeth Danner	939 KB	Shared
Find and Share Recordings	About an hour ago	Elisabeth Danner	3.99 MB	Shared
How to Record Your Meeting	About an hour ago	Elisabeth Danner	1.30 MB	Shared
Microphone and Video Settings	About an hour ago	Elisabeth Danner	3.39 MB	Shared
Raise Hand and Chatting	About an hour ago	Elisabeth Danner	1.66 MB	Shared
Sharing Screen and Other Windows.mp4	About an hour ago	Elisabeth Danner	5.71 MB	Shared
Zoom Instructional Videos from SON Help ...	About an hour ago	Caroline Egan	12.1 KB	Shared

Participants (50)

- JW Julia Wilson (Me) [Unmute] [Rename]
- CE Caroline Egan (Host)
- ED Elisabeth Danner (ID/IT Team) (Co-host)
- NW Nicole Warren
- MT Mary Thomas

Unmute Me [Raise Hand]

Show all

Change Display Name:
Type in your full First and Last Name.
Check the box to remember name.
Click “OK”

The screenshot shows the Zoom interface with a list of participants. A green callout box provides instructions on how to change the display name. The 'Rename' dialog box is open, and the 'Remember my name for future meetings' checkbox is checked.

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Zoom Instructional Videos from SON Help ...	About an hour ago	Caroline Egan	12.1 KB	Shared

Find a participant

Enter a new screen name:

Julia Wilson

☒ Remember my name for future meetings

OK Cancel

Unmute Me [Raise Hand]

Show all

IN-LIEU of Ranching Opportunities & Ladies Livestock Lessons

The Red-Bow Ranching CONFERENCE

Speaker Information - February 2nd, 2021

20 Years of Riparian Management Solutions

Ken Lewis

Ken grew up on a small farm in western Mountain View County. Ken has worked with farmers and ranchers on environmental stewardship programs since 1997, first in BC's Fraser Valley, and then in Central Alberta. He's been working for Red Deer County since 2007. He looks after the County's ALUS Program and Green Acreages Program and is an Environmental Farm Plan technician. Ken and his family live in Red Deer. According to his wife, Ken spends far too much of his spare time riding his mountain bike, road bike, and fat bike.

Kelsey Spicer-Raw

Kelsey is a Riparian Specialist with the Alberta non-profit organization Cows and Fish. Initially hired to help expand the Cows and Fish program into northern and central Alberta, Kelsey has been working with the organization since 2000. In her role as a Riparian Specialist, Kelsey works with community-based groups, landowners and municipalities to improve their understanding and management of riparian areas in Alberta. Originally from the Peace Country in British Columbia, Kelsey now calls herself an Albertan after living and working in the province for over 20 years. Kelsey's first permanent roots in the province were with her husband on their ranching operation in east central Alberta near the town of Strome. Since 2004, Kelsey and her husband have been putting down some urban roots and are living in the Calgary area.

Stephen Smith

Raising his family with wife Helena, Stephen is a fourth generation farmer in central Alberta. The 1800 acre mixed farm is a combination of small crop fields intermixed with tame and native pastures in the rolling hills east of Pine Lake. The hills, coulees, streams, lakes and many sloughs have made for many challenges in balancing production, animal health, the health of the range and the health of the riparian areas.

Presentation Summary

This presentation will highlight lessons learned from 20 years of riparian management work in Alberta from an ENGO (environmental non-government organization), municipal facilitator and

landowner/rancher perspective. Shifts in both the understanding of riparian areas and their ecology, as well as solutions to manage these dynamic areas of the landscape will be covered.

Cow-Calf Outbreak Investigations – When Minerals Go Bad!

This interactive sessions reviews investigation strategies and lessons learned from four disease outbreaks in cow herds resulting from inadequate nutrition and improper mineral intake.

Elizabeth R. Homerosky, Veterinary Agri-Health Services, Ltd.

Elizabeth R. Homerosky, DVM, MSc, DABVP was born and raised in southern Ohio where she was actively involved in her family's commercial cow-calf operation and 4-H. Dr. Elizabeth's interest in beef production led her to Ohio State where she completed a BScAg in 2008 and was honored as an All American for Intercollegiate Livestock Judging. She went on to earn a DVM at Ohio State in 2012 and spent one year in beef cattle practice in western Iowa before attending graduate school at the University of Calgary. During the three-year program, Dr. Elizabeth completed a MSc. degree and Clinical Residency in beef production medicine and was inducted into the Canadian Cattlemen's Young Leader program. She completed several rotations for her residency at Veterinary Agri-Health Services in Airdrie, AB and officially joined the team in 2016. In 2019, Dr. Elizabeth was awarded Food Animal Educator of the Year by Western Veterinary Conference, named American Association of Bovine Practitioner's Emerging Leader, and became a partner at Veterinary Agri-Health Services. Dr. Elizabeth is a board-certified specialist in beef cattle practice through the American Board of Veterinary Practitioners and has a strong interest in cow-calf and feedlot production medicine and consulting, as well as, applied research. Dr. Elizabeth also ranches west of Crossfield and runs a herd of commercial Red Simm-Angus and purebred Red Simmental cattle.

Speaker Information - February 4th, 2021

Direct Marketing Producer Panel

Ben Campbell, Grazed Right Grass Fed Beef

Ben Campbell started his own direct marketing company in 2013 as an entry into ranching. His business now direct markets beef, pork, chicken and eggs and has a commodity cattle herd. Ben was an engineer working on mega projects in the oil sands and quit his career to try his hand at ranching. It was a steep learning curve with lots of speed bumps but has worked out well in the end and Ben has been able to be a full-time rancher since 2015.

Lorin Doerksen, Gemstone Grass Fed Beef

Lorin Doerksen and his wife Katie farm and ranch in Gem, AB together with his brother, dad and uncle. Their activities include growing a variety of crops on irrigated land, feeding cattle, and operating Gemstone Cattle Company which specializes in forage developed commercial and purebred Hereford and Angus cattle. An interest in regenerative agriculture and a desire to see the potential of their genetics led them to pursue grass finishing. In 2018 they started Gemstone Grass Fed Beef with the goal of marketing beef cuts to Alberta customers. The company has evolved to include several sales channels including grocery stores, restaurants, delis and an online store. Lorin's time is split between daily farm work and managing all aspects of the beef company.

Smart Ranch Innovations

The presentation will focus on both research projects and demonstrations conducted by Olds College which specifically investigated technological innovations applied to livestock production. These examples will primarily relate to technologies and management practices demonstrated in a remote pasture setting during the 2020 grazing season at the college's "Pitstra Pasture" located southwest of Carstairs. Examples of technologies discussed include an autonomous pasture weigh scale, cow activity tags, fence line energizer monitors, water level sensors, and drone imagery for predicting biomass.

Sean Thompson, Olds College Technology Access Centre for Livestock Production

Sean Thompson is the Manager of the Technology Access Center for Livestock Production (TACLP). In his current role, Sean provides oversight to the TACLP, with emphasis on technical advisory, project management and maintaining client relationships. Sean has an extensive background in beef cattle management, nutrition and genetics. Further, he has over 6 years' experience managing research projects at post-secondary institutions. Sean holds an MSc in beef cattle nutrition from the University of Manitoba. Prior to joining Olds College, Sean served as Feed Industry Liaison at the University of Saskatchewan, as well as a livestock extension specialist with the Saskatchewan Ministry of Agriculture.

The TACLP offers resources and services required to move the livestock industries technology needs forward, focusing specifically on issues related to production efficiency, animal health and welfare, and environmental sustainability. These issues are addressed by giving livestock producers, technology developers, and SMEs access to expertise, facilities, testing services, training, and emerging smart

agriculture technologies. To facilitate and accelerate the Canadian livestock industry's adoption of new technology, The TACLP provides field-testing and improvement of emerging technologies in farm-like conditions, assisting companies with the testing of feed, genetics, and precision livestock farming technology.



Red-Bow Agricultural Partnership

The Red Bow Agricultural Partnership is a collaboration created with the purpose of sharing resources, information, knowledge and facilitating networking opportunities for the benefit of sustainable agriculture within the rural communities in which they operate. The current partnership consists of Clearwater County, Kneehill County, M.D. of Bighorn, Mountain View County, Red Deer County, Rocky View County and Wheatland County; our events target producers in this region. Our recourse partners include the Foothills Forage and Grazing Association, Cows and Fish, Alberta Agriculture and Forestry, Grey Wooded Forage Association and Olds College. Since 2007, the committee has hosted two annual events: Ladies Livestock Lessons and Ranching Opportunities and have intermittently hosted additional events, which are pertinent to the agricultural industry at the time.

Members



M.D. of Bighorn

Kendra Tippe

The Municipal District of Bighorn No. 8 is a rural municipality located in a beautiful natural setting. A community of unique communities, the M.D. is characterized by ranching and other agricultural uses, industrial uses, low impact tourism facilities, hamlets, and large tracts of undeveloped crown land reserved for forestry activities. It is recognized that the quality of life of our residents is tied to a healthy, natural environment and a robust economy. The MD of Bighorn's Agricultural Services department receives guidance from the Agricultural Services and Environmental Advisory Board (ASEAB). The board provides advice and makes recommendations to Council in matters pertaining to the MD's agricultural programs and related environmental matters. The staff in the Agricultural Services department can provide assistance to landowners with completing Environmental Farm Plans, Canadian Agricultural Partnership (CAP) applications, as well as address concerns regarding invasive species and pest management. There are a variety of workshops that the MD Agricultural staff provide annually for residents to participate in free of charge. Some examples of these can include:

- Living in the Natural Environment
- Weed ID & Pest workshops
- Native Plant Alternatives
- Working Water Well
- Bear Safety Workshops
- Range and Riparian Health Assessments

For more information contact:

Kendra Tippe, Environmental Fieldman

Phone: (403) 673-3611 ext. 234 Email: Kendra.Tippe@mdbighorn.ca



Clearwater County

Danielle Ens

Clearwater County – population 21,000 – covers more than 18,000 km² with about 20% deeded land. We are the headwaters for the North Saskatchewan, Red Deer and, to a lesser degree, the Athabasca river. A gateway to the eastern slopes of the Rockies, we have hosted 50,000 visitors, with 20,000 ATV's, on a spring/summer long weekend. Urban areas such as Edmonton, Red Deer and others depend on the well-being of these headwaters. Almost all Clearwater residents depend on groundwater making aquifer management important. There is a new threat to watershed health with Mountain Pine Beetle confirmed in the region. Clear Water Landcare, the stewardship arm of the Agricultural Service Board, provides environmental education and equipping within the Agricultural and Community Services department. Environmental focus areas are:

- Vegetation management – understanding of the ecological harm done by invasive plants and education regarding the tools and strategies, including responsible use of herbicide, to manage threats.
- Environmental Farm Plan – providing technical support to producers completing EFP's.
- Environmental funding programs – offering information and support for the CAP funding programs and a distinctly local program called Caring for my Land.
- Agricultural tools and equipment – calibrated spraying equipment, shock chlorination tank, static water level meter and soil sampling tools.
- Education opportunities – annual Cattlemen's Day, West Country Ag Tour and Educational Ag Tour. Working Well and Septic Sense workshops. Topical workshops on habitat and the creatures that depend on them including pollinators and agroforestry.

For more information visit www.clearwatercounty.ca or contact:

Danielle Ens, Landcare Coordinator

Phone: (403) 846-4068 Email: dens@clearwatercounty.ca



Kneehill County

Fallon Sherlock

Kneehill County is situated in Central Alberta, west of the Red Deer River. The county encompasses the Canadian Badlands and Horseshoe Canyon alongside agricultural farm land. Three Hills is the main urban hub of the county and is the location of the municipality's office and main shop. Kneehill County's agricultural land base consists of 643,304 acres of cultivated land and 150,490 acres of pasture land. Kneehill County Agriculture Services provides education, tools and financial support to encourage advanced farming practices that increase profitability while enhancing our environment. Some of these programs include:

- Environmental Farm Plan support
- Riparian Restoration Program (funding available to residents)
- Water Well Decommissioning Program (funding available to residents)
- Pest Monitoring & Control Consultation
- Weed Control Programs
- Agricultural Equipment Rentals
- Various Workshops And Events Throughout The Year

For more information visit www.KneehillCounty.com or contact:

Fallon Sherlock, Land Care Coordinator

Phone: 403-443-5541 Email: fallon.sherlock@kneehillcounty.com



Mountain View County

Theresa Fletcher

Mountain View County is situated where the foothills of the Canadian Rockies meet the fertile plains; in the heart of Alberta's Calgary-Edmonton corridor. Agriculture is the backbone of Mountain View County's landscape and culture. With over 1,800 farms and ranches located on 3,800 square kilometers of rich fertile soil and lush grazing land, agriculture is our proud heritage and our vital link to the future. Mountain View County's Agricultural Services Department, guided by the Agricultural Service Board, is resourced to support local farmers and ranchers with programs and services designed to enhance production, environmental stewardship and industry growth. The Agricultural Service Board advises and serves all stakeholders in weed and pest control, leading edge agricultural practices, soil and water conservation and related environmental concerns to enhance the viability of the agricultural community.

Funding and expertise is available to County farmers committed to pursuing sound environmental strategies that:

- Protect natural resources
- Protect endangered species
- Enhance biodiversity
- Enhance soil conservation
- Maintain riparian areas and enhance water quality
- Improve environmental stewardship management practices

We offer several programs promoting environmentally friendly farm practices including our Riparian & Ecological Enhancement Program, Agricultural Recycling Program and extension programming with our partners. Support is also available in completing Environmental Farm Plans and Canada Agriculture Partnership funding applications.

For more information visit www.MountainViewCounty.com

Theresa Fletcher, Agricultural Field Operator

Email: tfletcher@mvcounty.com

Phone: 403-559-8282



Red Deer County

Red Deer County is situated right along the highway 2 corridor, midway between Edmonton and Calgary. Encompassing an area of 4000 km² there is great amount of diversity among agricultural operations. Livestock production includes; beef and dairy cattle, chickens, pigs and sheep while major crops are, field grains, canola, cereals, and forages. Under the guidance of the Agricultural Service Board, Red Deer County Agricultural Services provides a variety of programs and services to help support local landowners. Some examples include;

- Conservation programs- ALUS, Green Acreages, Environmental Farm Plan, Safe Water Well Program, Canadian Agricultural Partnership (CAP) assistance
- Vegetation Management – Roadside spraying, brush control, seeding, bridge maintenance, Shoreline weed control, Fenceline weed control, weed inspection
- Pest programs – Strychnine program, coyote predation, insect and disease monitoring/inspections
- Rental Equipment- Truck box sprayer, ATV sprayer, 3-point hitch sprayer, Pull-behind pasture sprayer
- Education Opportunities- Workshops, Demo Days, Tours, sponsorships, bursaries

For more information visit

www.RDCounty.ca or call (403) 350-2150



Rocky View County

Ashley Stewart

Rocky View County surrounds the City of Calgary on three sides – to the west, north and east. The County shares borders with six rural municipalities, two First Nation Reserves, one other City, and five towns. Despite some of the growth and development pressures in the region, agriculture is and will continue to be a major economic contributor in the region. With approximately one million acres Rocky View County sees everything from grazing cattle to the west to fields of crops to the east. Cattle and crops including canola, wheat and barley are the main production for the approximately 1551 farms in the County.

Rocky View County Agricultural Services provides the following services:

- Weed inspection for both private and municipally owned lands
- Roadside herbicide application
- Roadside mowing
- Education workshops (Get Set to Grow series)
- Rental equipment (pasture sprayer, tree planters, soil & hay probes)
- Environmental Outreach (Environmental Farm Plans, Canada Agriculture Partnership funding program and Green Acreage Guides)
- Support Local Watershed Stewardship Groups and Riparian Protection

For more information visit www.Rockyview.ca/Agriculture or contact:

Ashley Stewart, Agricultural Services Officer

Phone: 403-520-1272, Cell: 403-478-8274 Email: astewart@rockyview.ca



Wheatland County

Sarah Schumacher

We are committed to strengthening the wellbeing of our agricultural community by providing programs and services which benefit agriculture in the County. The Wheatland County Agricultural Services Department provides the following services.

- Agricultural Pest Management - strychnine program, insect and disease surveys, weed inspection and education programs
- Vegetation Management - roadside spraying and mowing, and reclamation projects
- Agricultural Conservation – assistance with Environmental Farm Plans, and Canada Agriculture Partnership funding programs, workshops, tours and conferences
- Water Protection Initiative funding - Landowners can apply for funding through the County for projects which improve surface and groundwater quality. Up to \$6000 is available for projects, examples include off site watering systems and abandoning un-used groundwater wells. We recently initiated the ALUS Wheatland a program funding
- Agricultural Recycling - bags for recycling twine, grain bag rolling and pick up program, chemical container drop-off sites
- Rental Equipment – tree planter, pasture sprayer, skunk and magpie traps, forage sampler, RFID tag reader, weight Scale, rubber mats, catting crossing signs.
- Other Services - Wheatland County ASB student bursary, licensing and inspection of seed cleaning plants, Classroom Agriculture Program

For more information visit www.WheatlandCounty.ca or contact

Sarah Schumacher, Agricultural Conservation Coordinator

Phone: (403) 361-2027

Email: Sarah.Schumacher@wheatlandcounty.ca

Resource Partners

Grant Lastiwka, Forage Extension Specialist

Grant has been a Forage Extension specialist since 1987 he has been working with educators, grazers, scientists, forage extension specialists, government, and industry in various extension capacities. These are all related to managing forages from the plant, to the soil, to the livestock, to the people, and to the consumer. These systems are managed in ways that consider finances, the environment, the people, and the community. This is done simultaneously and in regenerative ways.

Andrea Hanson, Livestock Extension Specialist

Andrea Hanson is a Livestock Extension Specialist working alongside industry, associations and producers to extend information and new technologies to primary producers and others. Andrea uses a systems approach to agricultural production; each decision having an impact on others. Characteristics of a system include: productivity, profitability, efficiency, stability, sustainability, equity, flexibility, adaptability and resilience; considering all the players involved. Besides agriculture, other passions of Andrea's are family and 4-H.



Cows & Fish

Kelsey Spicer-Rowe, Riparian Specialist

The Alberta Riparian Habitat Management Society, also known as "Cows and Fish", is a non-profit society who strives to foster a better understanding of how improvements in grazing and other management of riparian areas can enhance landscape health and productivity, for the benefit of landowners, agricultural producers, communities and others who use and value riparian areas.

How is the Cows and Fish program valuable to landowners and communities?

- Work with landowners & communities on improving ecological literacy, specifically related to riparian areas and landscape management
- Help landowners and communities present a proactive approach as good stewards of the land
- Evaluate and monitor riparian health
- Provide technical assistance on riparian and other grazing management
- Provide better information so landowners and communities can make informed decisions
- Assist in building community-based and producer driven groups to address local riparian issues

For more information visit www.cowsandfish.org or contact:

Kelsey Spicer-Rowe, Riparian Specialist, Airdrie

Ph: (403) 948-8519

Email: kspicer@cowsandfish.org



Foothills Forage and Grazing Association

Laura Gibney, Manager

The FFGA provides relevant, unbiased forage and livestock information to Southern Alberta producers in partnership with industry, government, and the agricultural community. We are a non-profit, producer driven association leading the industry to long term sustainability through research and development.

Our board of directors is made up of 11 volunteer producers from across the FFGA region. There are currently 229 producer members from across our region.

We strive to bring information and production strategies to producers by hosting demonstration projects, events and workshops, and hands on days; as well as networking with like-minded producers and sharing information through our newsletter, website, and social media.

FFGA is a proud member of the Agriculture Research and Extension Council of Alberta. ARECA acts as an umbrella association for FFGA and our sister associations across the province. By working together through ARECA, we are better able to serve producers in our individual regions as it allows us to network, share information and speakers, as well as work together on provincial projects, conferences and events.

For more information visit www.FoothillsForage.com or contact:

Laura Gibney

Phone: (403) 995-9466

Email: manager@foothillsforage.com



Grey Wooded Forage Association

Brenda Kossowan

GWFA is a non-for-profit organization who serve six counties in central Alberta. We have been established for over 30 years, and have been delivering quality extension and demonstration project

information for producers. Currently we have two full time staff and our board consist of 9 Board members and two ex-officials. We publish a 16-page monthly publication called The Blade in full color.

We are known as delivering extension of excellence. We have a large producer list and seek to grow it by many thousands more. Our Mission: "To Promote Environmentally & Economically sustainable forage & agriculture practices" Our Vision: "The community is engaged in regenerative agricultural production methods"

GWFA has two main programs: Our production program, and an environmental program. We extend quality proven research information, and have many collaborators and partners. Services include:

- Grazing management consulting
- Environmental Farm Plan support
- Project development and implementation
- Weeds management and webinars delivery
- Support the ALUS program (Alternate Land Use Services)
- Rental of forage probes and soil testing equipment

For more information visit www.GreyWoodedForageAssociation.com or contact

Brenda Kossowan

Phone: (403) 844-2645

Email: gwfa3@telus.net



Olds College Technology Access Centre for Livestock Production

Sean Thompson

The Technology Access Centre for Livestock Production (TACLP) offers resources and services required to move the livestock industries technology needs forward. Olds College's vertically integrated beef program allows for technology and products to be tested at every step in production (seed stock, cow-calf, feedlot, processing). The TACLP helps address industry issues related to production efficiency, animal health and welfare, and environmental sustainability. These issues are addressed by giving livestock producers, technology developers, and small to medium enterprises access to expertise, facilities, testing services, training, and emerging smart agriculture technologies. To facilitate and accelerate the Canadian livestock industry adoption of new technology, The TACLP provides field-testing and improvement of emerging technologies in farm-like conditions, assisting companies with the testing of feed, genetics, and precision livestock farming technology.

For more information visit

www.oldscollege.ca/research/areas-of-focus/livestock-meats/index.html or

contact:

Sean Thompson

Phone: (403) 556-8314

Email: sthompson@oldscollege.ca

SOUTHERN ALBERTA GRAZING SCHOOL FOR WOMEN & ALBERTA RANGE STEWARDSHIP COURSE PRESENTS:

7 Essential Strategies for Building Resiliency

Mental Health in Agriculture with Jeff Couillard



A virtual, interactive evening presentation packed with the essential strategies you need to set healthy boundaries, build a support system and prioritize your 4 Domains of Wellness.

FEBRUARY 8, 2021

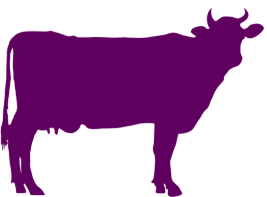
6:30 - 8:00 PM

FREE TO ATTEND

REGISTER AT:

<https://www.eventbrite.ca/e/136722134585>

- Live via Zoom video conferencing
- Interactive and hands-on; small group discussion, individual reflection and short lectures
- Practical strategies along with a post session Q & A



Jeff is the founder of The Attainability Group and The Big Impact Academy. Learn more at <https://www.jeffcouillard.com>



Soil Health Webinar Series



Join the Western Canada Conference on Soil Health & Grazing Organizing Committee for an exciting webinar series on Soil Health with Joel Williams!

Joel Williams is an independent plant and soil health educator and a healthy soils advocate. Joel provides lectures, workshops and consultation on soil management, plant nutrition and integrated approaches of sustainable food production.

Webinar Series Details:

Thursday Feb 11 - What is New in Soil Health & Plant Nutrition 101 (1:00pm to 2:30pm)

- Role & Function of Essential Minerals
- Managing Photosynthesis for Plant Development
- Rethinking Root Exudates
- Soil Biology: Wanted Dead or Alive?

Register at:
<http://bit.ly/3c1gDrC>

Tuesday Feb 16 - Transitioning to Low Input Production Systems (1:00pm to 2:30pm)

- Leveraging soil nutrient pools
- Seed Treatments & Bio-stimulants
- Tips on Foliar Inputs
- Roots Not Shoots
- Plant Species Diversity for Nutrient Scavenging & Pest Management

Register at:
<http://bit.ly/364pt46>

Tuesday Feb 23 - Strategies for Regenerating Forage Stands & Using Perennial and Annual Forages in Crop Rotations (7:00pm to 8:30pm)

- Essential nutrients for protein synthesis
- Foliar for Forage
- Mixtures vs Monocultures
- Grazing for Soil

Register at:
<http://bit.ly/3o7uLly>

Tuesday March 2 - Questions and Answers with Joel (7:00pm to 8:30pm)

- Special Q & A session, where participants will be able to interact with Joel

Register at: <http://bit.ly/3qLNghk>



All webinars are free to attend!
www.absoilgrazing.com



FARM Transition Webinar

with Merle Good, Farm Tax Specialist



March 4th, 2021 - 7:00pm

Farm Business Succession Planning – Simplifying a Complex Puzzle

In order to complete a puzzle, you need to have the right pieces in the right place at the right time. If not, you will become frustrated and quit. Sounds familiar. To tackle this family farm succession puzzle, this seminar will focus on NOT describing the challenges but actually SOLVING them. Strategies and options will be presented to provide clarity of operating ownership, to create tax free retirement income and address the elephant in the room; being explosive land values.

Merle worked for over 30 years as the Alberta Provincial Farm Tax Specialist and continues to work with top accountants and lawyers throughout Canada and on a yearly basis speaks at over 25 public seminars and assists over two hundred farm clients per year.

This expertise, combined with years of client consultations, plus his practical experience of owning and operating a multi-generational farm; has created a unique combination of skills and insights to enable clients to meet their business and personal goals.

Register at
www.rockyview.ca/agricultural-events
For information contact Ph:403-333-6943 or
Sarah.Schumacher@wheatlandcounty.ca



ROCKY VIEW COUNTY
Cultivating Communities



SAVE the DATE!

Cows and Fish and Environmental
Law Centre Winter Speaker Series

Exploring Riparian Stewardship and Regulations

Do you find it hard to figure out which regulations apply to your riparian improvement projects? So do we!

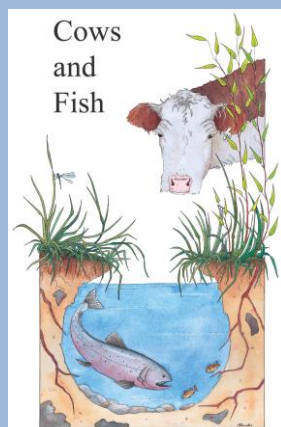
Discussion led by Cows and Fish and the Environmental Law Centre. Guest speakers will join us in a panel format to share their experiences for each topic. Topics will include:

- Spring development and livestock watering systems
- Riparian restoration and bank stabilization
- Livestock crossings of waterways
- Recreation use and management
- Beaver co-existence tools



Attend this **FREE** webinar series, **Wednesdays at 1PM, and Thursdays at 7PM** between February 10 and March 18, 2021
Zoom links will be sent once you register.

Register on Eventbrite: <https://winter-speaker-series.eventbrite.ca>



Environmental
Law Centre

Pollinator Projects

Putting the Buzz in Pasture Management

Webinar

March 31st 10:00am

Learn more about

The value of pollinators and the benefits of establishing pollinator projects

Identifying locations for pollinator projects on marginal lands

Forage species selection, establishment, management & longevity

Funding options for pollinator projects

Register at

www.foothillsforage.com/events

For information contact Ph:403-333-6943 or
Sarah.Schumacher@wheatlandcounty.ca





ROSEBUD WATERSHED FUNDING PROGRAM

100% Funding for Livestock Producers for off-site watering systems and streambank fencing

Ranchers play an important role in protecting riparian streambanks and improving water quality in the Rosebud Watershed. These projects also benefit livestock health and flood and drought resiliency on a farm.

The Rocky View County and Wheatland County agricultural departments are excited to work with producers in our region over the next few years on streambank projects.

Applicants to this program may also be eligible for ALUS funding which pays landowners annual per acre payments for conservation projects.

Program Contacts



Wheatland County

Sarah Schumacher
PH: 403-333-6943
Sarah.Schumacher@wheatlandcounty.ca



Rocky View County

Matthew Chilakos
PH: 403-478-8277
[Email: MChilakos@rockyview.ca](mailto:MChilakos@rockyview.ca)



ROCKY VIEW COUNTY
Cultivating Communities



WHEATLAND COUNTY
Where There's Room to Grow



PRODUCE A VALUABLE "CROP" OF NATURE ON MARGINAL FARM OR RANCH LAND

Manage marginal lands differently:

- Crop buffers
- Ecobuffers and shelterbelts
- Riparian management fencing & offsite watering
- Restore or enhance wetlands
- Streambank stabilization
- Erosion control
- Pollinator habitat
- Wildlife habitat
- Pivot corner diversity
- Many other nature-enhancing projects

Produce Ecosystem Services:

- Flood mitigation
- Carbon sequestration
- Wildlife habitat and biodiversity
- Drought mitigation
- Erosion control
- Cleaner water
- Other ecosystem services on which we all rely

ALUS



ROCKY VIEW COUNTY

Benefits

- **Significant and reliable annual payments for management & maintenance of projects**
- **Great alternative for high input, low return, or difficult-to-farm marginal lands**
- **Secondary benefits such as increased pollination or decreased hoof rot**
- **Voluntary program**

ALUS.ca



Contact Delaney McNaughton for details
DMcNaughton@rockyview or 403-520-3952

WHEATLAND



AGRICULTURAL STEWARDSHIP PROGRAM

ALUS Wheatland

Creating healthy landscapes that sustain agriculture, wildlife and natural spaces for all Canadians.

ALUS Canada is a national non-profit program that encourages and supports sustainable agriculture by promoting beneficial management practices and the implementation of on-the-ground projects which protect and restore natural areas such as wetlands, grasslands, riparian areas and treed areas. The results of these project may include (but are not limited to): habitat for fish and wildlife, species at risk, and native pollinator insects; cleaner air and water; and sustainable food production on working landscapes.

ALUS Wheatland is a community-led, farmer-delivered program for producers that pays for management and maintenance of ecosystem services on marginal farmland in Wheatland County. Annual, market value, per/acre funding for conservation projects is available.

To apply please contact the program coordinator.

Land Use Type	Annual Payment
Irrigated Cropland	\$75.00/Acre
Cropland (including hayland)	\$65.00/ Acre
Permanent Wetland	\$20.00/Acre
Pasture	\$40.00 Acre
High Value Project < 3 acres (i.e. Ecobuffer)	\$300/Acre
Note: When land continues in production (i.e. grazing, haying) the payment is reduced by 50%	

**rates subject to change*

50% up to \$5000

Note: This program is not retroactive

Project Examples

The following are project examples only, the program is not limited to the list below.

- Riparian Streambank Fencing
- Offsite Watering Systems
- Wetland Restoration, Enhancement and Creation
- Riparian Streambank Buffers
- Native Prairie Establishment
- Pollinator Habitat Projects
- Riparian Streambank Enhancements
- Field Shelterbelts
- Wildlife Friendly Fencing
- Nesting Structures
- Modified Agricultural Activities to promote Wildlife Habitat
- Tree and Shrub Planting and Ecobuffers
- Other projects which provide ecosystem services and are approved by either the Wheatland County Agriculture and Environment Department or ALUS Wheatland Partnership Advisory Committee.

Program Contact

Sarah Schumacher, Wheatland County
Agricultural Conservation Coordinator

Ph: 403-333-6943

Email: Sarah.Schumacher@wheatlandcounty.ca

Please return completed forms to Wheatland County C/O: Sarah Schumacher by email, mail (Wheatland County, HWY 1, RR 1, Strathmore, AB, T1P 1J6), Fax (403-934-4889) or in person at the County administration building.